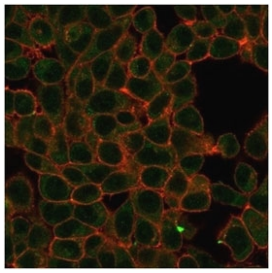
HIC2 Antibody / Hypermethylated in cancer 2 protein [clone PCRP-HIC2-1B1] (V9644)

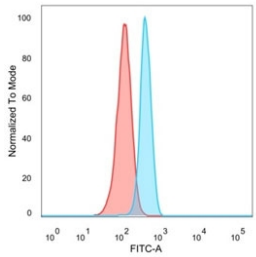
Catalog No.	Formulation	Size
V9644-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9644-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9644SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

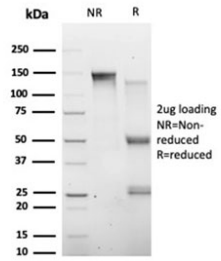
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-HIC2-1B1
Purity	Protein A/G affinity
UniProt	Q96JB3
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This HIC2 antibody is available for research use only.



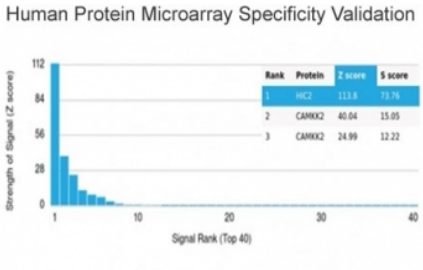
Immunofluorescent staining of PFA-fixed human HeLa cells using HIC2 antibody (green, clone PCRP-HIC2-1B1) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with HIC2 antibody (blue, clone PCRP-HIC2-1B1) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free HIC2 antibody (clone PCRP-HIC2-1B1) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using HIC2 antibody (clone PCRP-HIC2-1B1). These results demonstrate the foremost specificity of the PCRP-HIC2-1B1 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

HIC2 (HIC ZBTB Transcriptional Repressor 2) is a Protein Coding gene. Diseases associated with HIC2 include Orofaciodigital Syndrome X and Simpson-Golabi-Behmel Syndrome, Type 1. HIC2 contains 5 C2H2-type zinc fingers and 1 BTB (POZ) domain. It belongs to the krueppel C2H2-type zinc-finger protein family, Hic subfamily and is a transcriptional repressor. It is a transcription activator of SIRT1.

Application Notes

Optimal dilution of the HIC2 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human HIC2protein was used as the immunogen for the HIC2 antibody.

Storage

Aliquot the HIC2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.